

Attorney's Docket No. 045331/314982

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	Gentry et al.	Confirmation No.:	6867
Appl. No.:	10/589,173	Art Unit:	Not yet assigned
Filed:	August 11, 2006	Examiner:	Not yet assigned
For:	STEM CELL POPULATIONS AND METHODS OF USE		

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


**INFORMATION DISCLOSURE STATEMENT
CITATION UNDER 37 C.F.R. § 1.97**

Sir:

Attached is a list of documents on form PTO-1449 along with a copy of any cited foreign patent documents and non-patent literature documents in accordance with 37 CFR 1.98(a)(2).

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By identifying the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead identifying the listed documents for the sake of full disclosure.

Respectfully submitted,



Destiny M. Davenport
Registration No. 60,360

Customer No. 00826
ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000
Tel Raleigh Office (919) 862-2200
Fax Raleigh Office (919) 862-2260

ELECTRONICALLY FILED USING THE EFS-WEB ELECTRONIC FILING SYSTEM OF THE UNITED STATES PATENT & TRADEMARK OFFICE ON May 31, 2007.

Substitute for form 1449/PTO (Revised 07/2005) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known		
				Application Number	10/589,173	
				Filing Date	August 11, 2006	
				First Named Inventor	Gentry	
				Group Art Unit	1632	
				Examiner Name	Not yet assigned	
Sheet	1	of	2	Attorney Docket Number	045331/314982	
U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	<u>Document Number</u> Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear	
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	<u>Foreign Patent Document</u> Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
	1	EP 1 302 534 A1	04-16-2003	Renomedix Institute Inc.		
	2	WO 00/34507	06-15-2000	Duke University		
	3	WO 02/36751 A2	05-10-2002	KOURION THERAPEUTICS GMBH		
	4	WO 2002/036751 A3	05-10-2002	KOURION THERAPEUTICS GMBH		
Examiner Signature			Date Considered			

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO (Revised 07/2005)				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/589,173
				Filing Date	August 11, 2006
				First Named Inventor	Gentry
				Group Art Unit	1632
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	045331/314982
OTHER DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.			English Language Translation Attached
	5	CAI, J., <i>et al.</i> , "Membrane Properties of Rat Embryonic Multipotent Neural Stem Cells," <i>Journal of Neurochemistry</i> , 2004, pp. 212-226, Vol. 88.			
	6	CHRIST, O., <i>et al.</i> , "Short and Longterm Repopulating Cells in Human Cord Blood Display Different Levels of Aldehyde Dehydrogenase Activity as Revealed by Assays of BODIPY-Stained Cells in NOD/SCID Mice," <i>Blood</i> , 2003, Vol. 102(11), Abstract No. 1178.			Abstract
	7	FALLON, P., <i>et al.</i> , "Mobilized Peripheral Blood SSC ^{lo} ALDH ^{br} Cells Have the Phenotypic and Functional Properties of Primitive Haematopoietic Cells and Their Number Correlates With Engraftment Following Autologous Transplantation," <i>British Journal of Haematology</i> , 2003, pp. 99-108, Vol. 122.			
	8	FIORDALISI, M., <i>et al.</i> , "Surface Phenotype of Bone Marrow Cells That Express High Levels of Aldehyde Dehydrogenase (ALDH)," <i>Blood</i> , 2003, Vol. 102(11), Abstract No. 4302.			Abstract
	9	FOSTER, S., <i>et al.</i> , "Specificity of the Flow Cytometric Aldehyde Dehydrogenase [ALDH] Assay in Hematopoietic Progenitor Cells and Tumor Cell Lines," <i>Blood</i> , 2003, Vol. 102(11), Abstract No. 3580.			Abstract
	10	GENTRY, T., <i>et al.</i> , "Aldehyde Dehydrogenase [ALDH] and Surface Antigen Expression Define Hematopoietic Stem and Progenitor Cell [HSPC] Subsets Differentially Represented in Mobilized Peripheral Blood [PBSC], Umbilical Cord Blood [UCB], and Bone Marrow [BM]," <i>2004 Tandem BMT Meetings</i> , File name: 150245.			Abstract
	11	HESS, D., <i>et al.</i> , "Functional Characterization of Highly Purified Human Hematopoietic Repopulating Cells Isolated Based on Aldehyde Dehydrogenase Activity," <i>Blood</i> , 2003, Vol. 102(11), Abstract No. 383.			Abstract
	12	LODIE, T., <i>et al.</i> , "Systematic Analysis of Reportedly Distinct Populations of Multipotent Bone Marrow-Derived Stem Cells Reveals a Lack of Distinction," <i>Tissue Engineering</i> , 2002, pp. 739-751, Vol. 8(5).			
	13	MEYERROSE, T., <i>et al.</i> , "Isolation of Human Aldehyde Dehydrogenase-Expressing Stem Cells; A Population with Increased Homing and Hematopoietic Potential," <i>Blood</i> , 2003, Vol. 102(11), Abstract No. 1175.			Abstract
	14	STORMS, R., <i>et al.</i> , "Isolation of Primitive Human Hematopoietic Progenitors on the Basis of Aldehyde Dehydrogenase Activity," <i>Proc. Natl. Acad. Sci. USA</i> , 1999, pp. 9118-9123, Vol. 96.			
	15	VERFAILLIE, C., "Adult Stem Cells: Assessing the Case for Pluripotency," <i>Trends in Cell Biology</i> , 2002, pp. 502-508, Vol. 12(11).			
Examiner Signature		Date Considered			

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.